

004740-224560

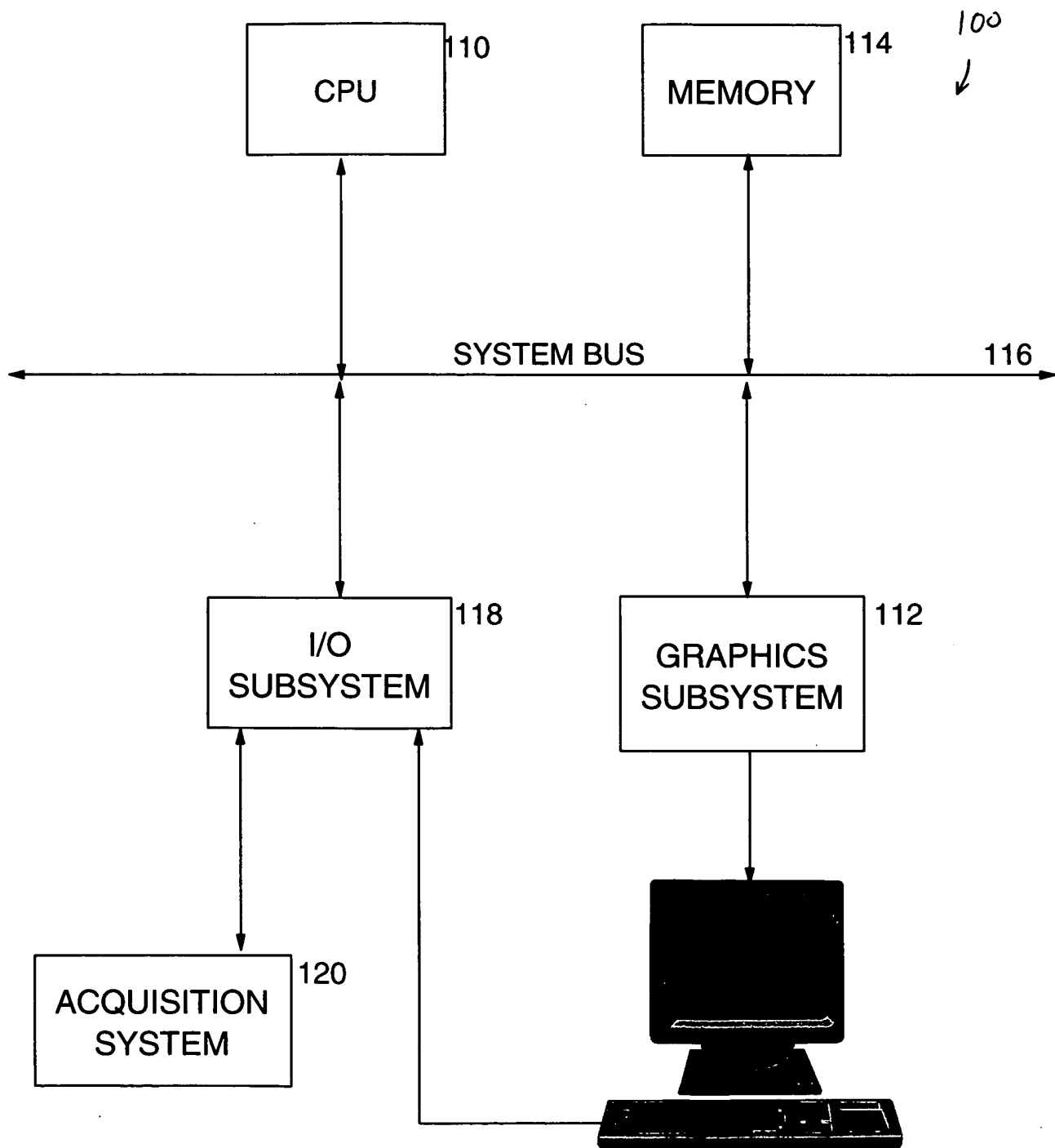


FIG. 1A

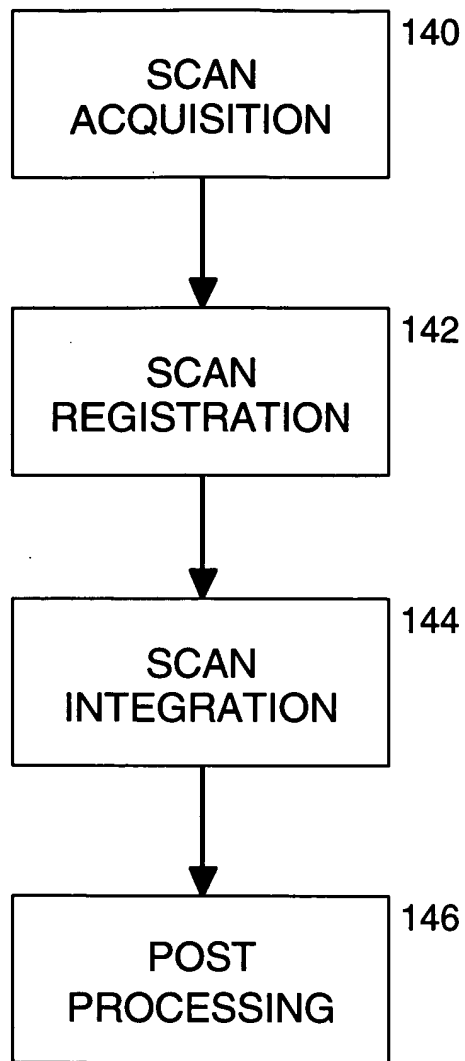


FIG. 1B

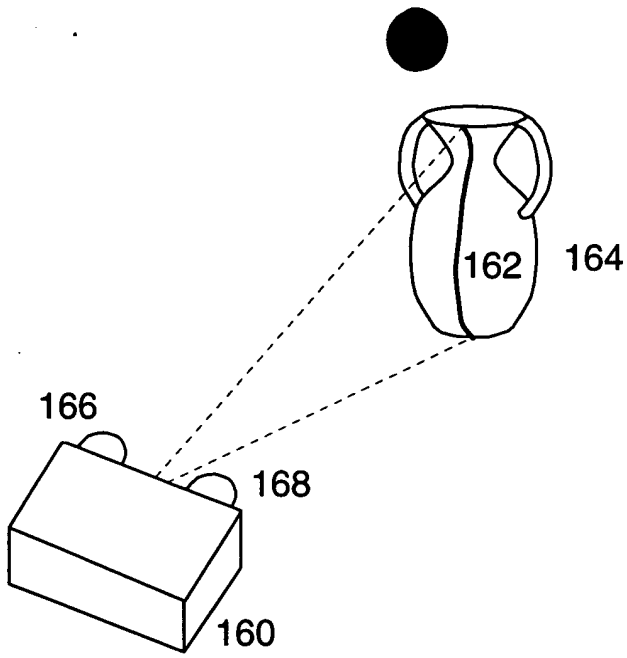


FIG. 1C

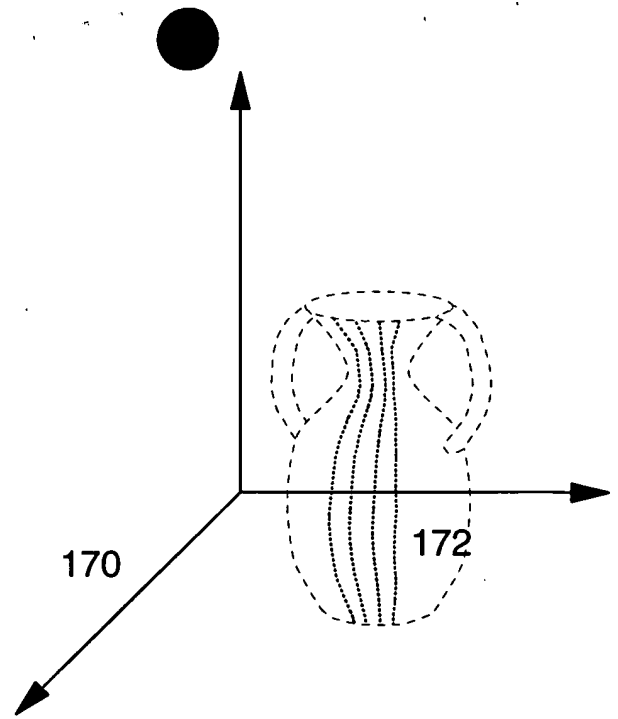


FIG. 1D

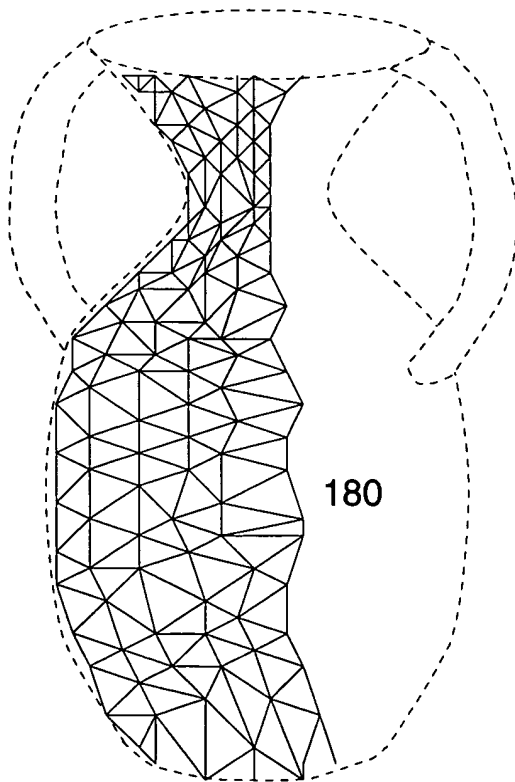


FIG. 1E

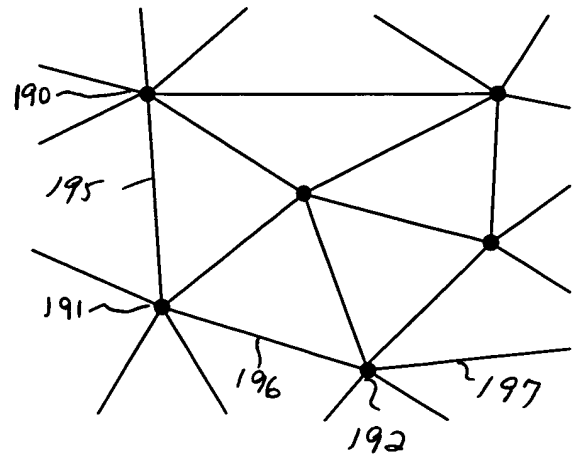


FIG. 1F

FIG. 2A

Downloaded from ascelibrary.org by University of California, San Diego on 06/16/15

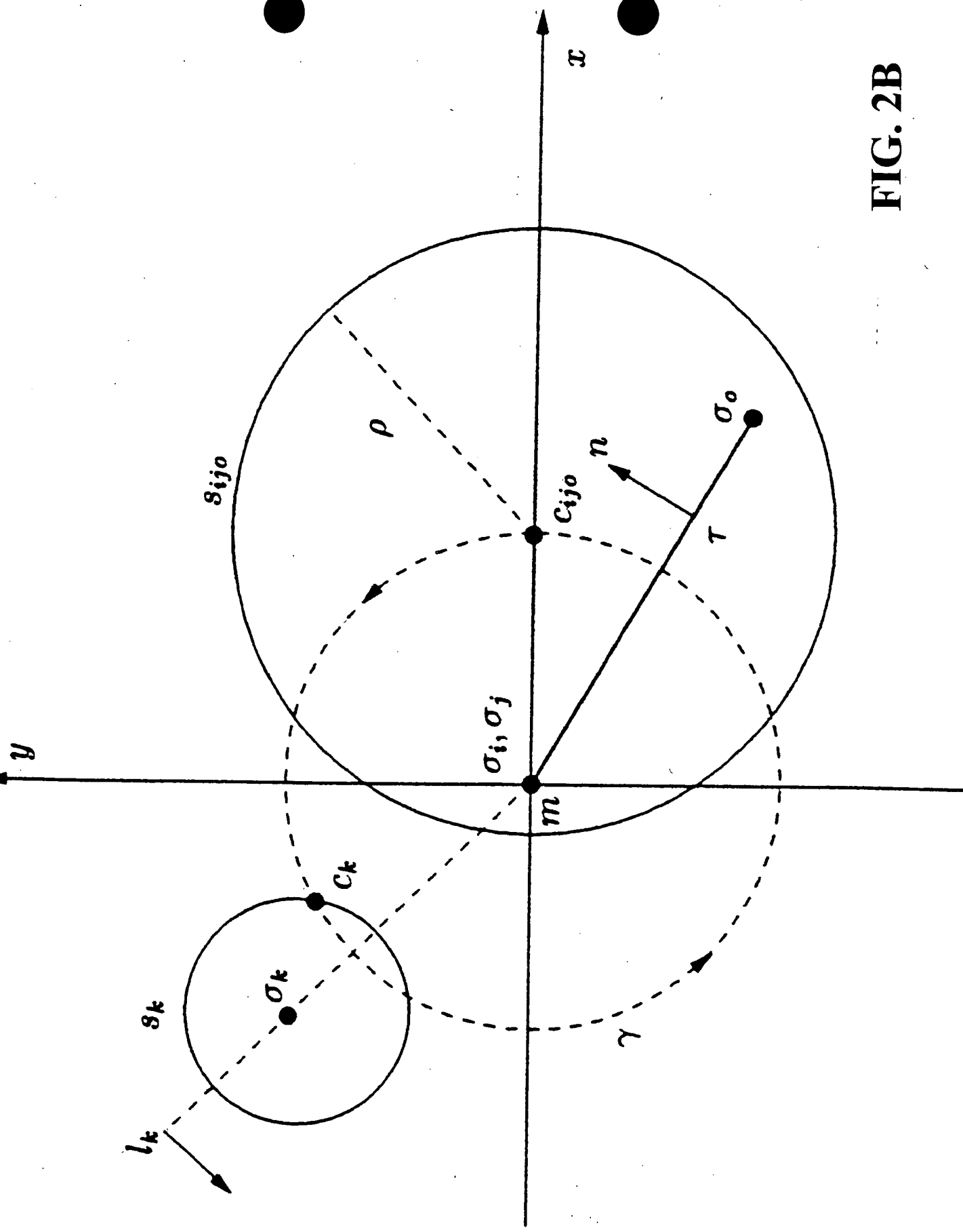


FIG. 2B

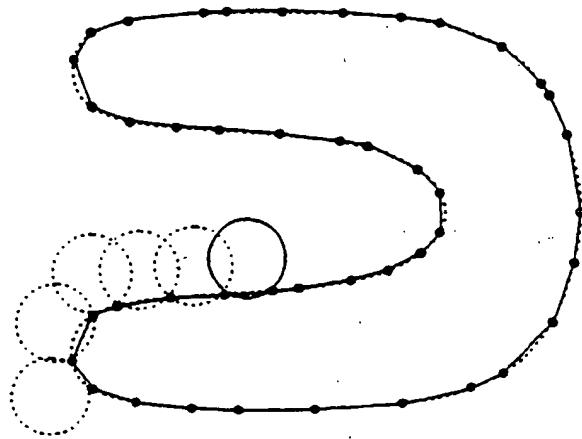


FIG. 2C

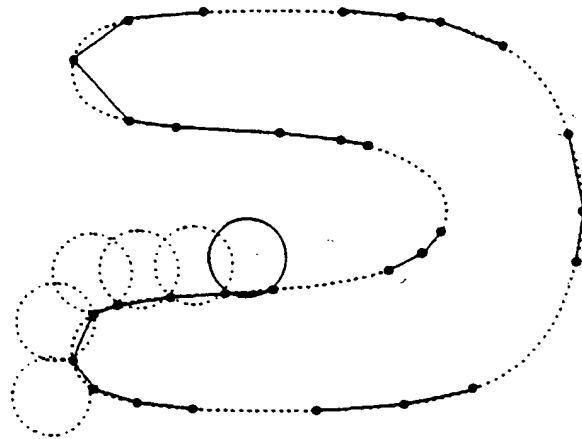


FIG. 2D

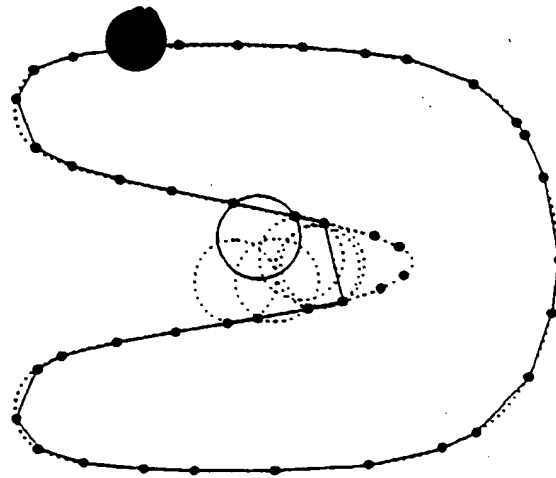


FIG. 2E

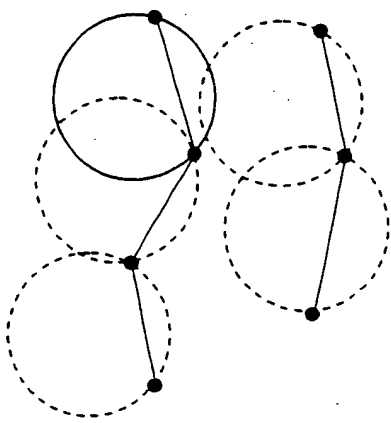


FIG. 2H

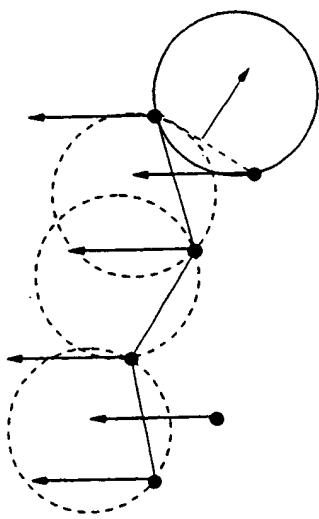


FIG. 2G

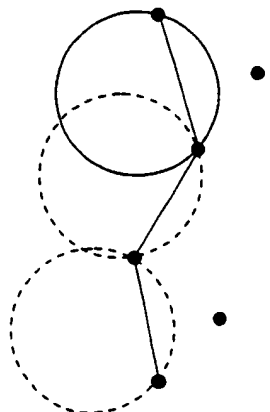


FIG. 2F

300

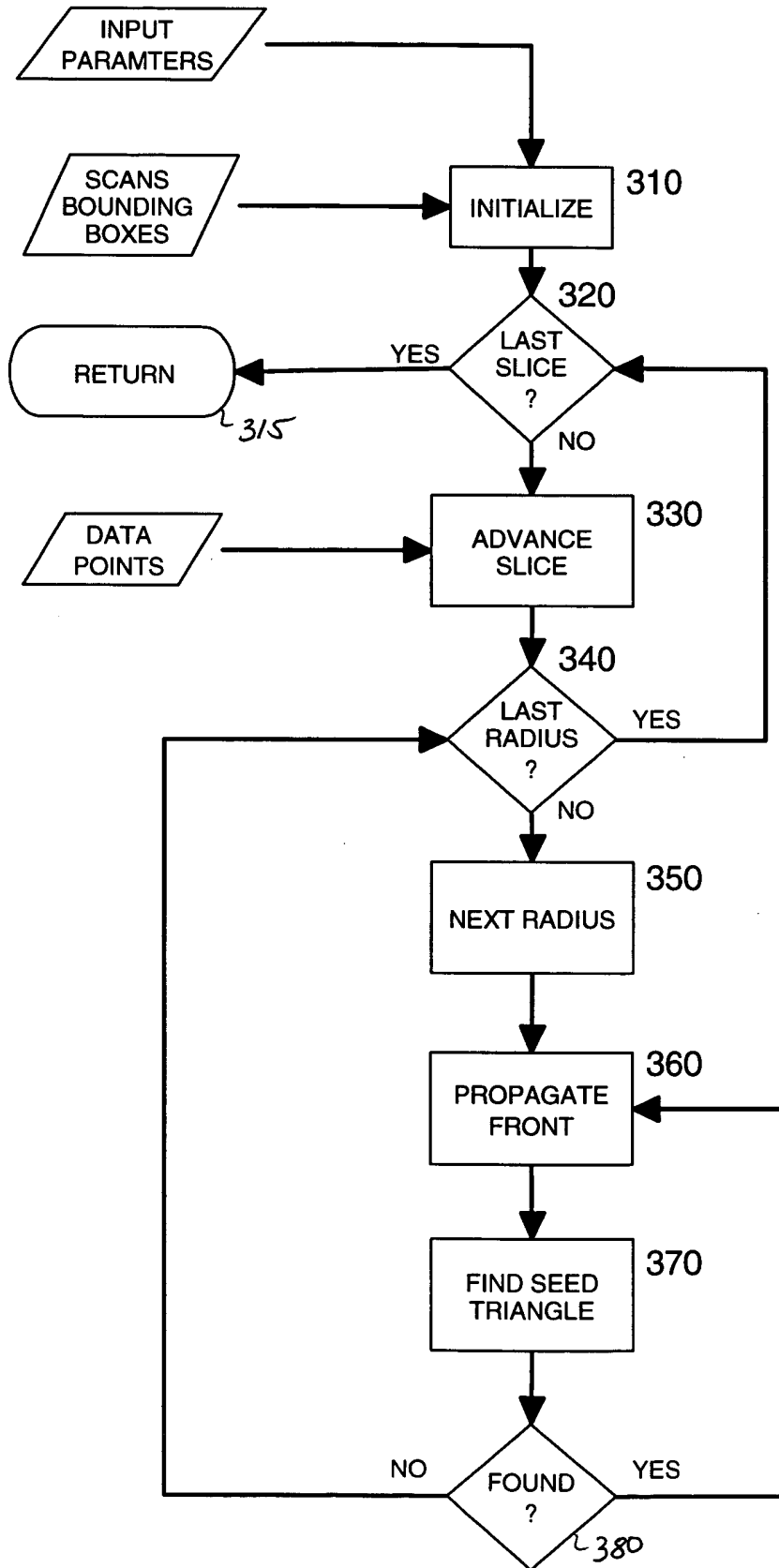


FIG. 3

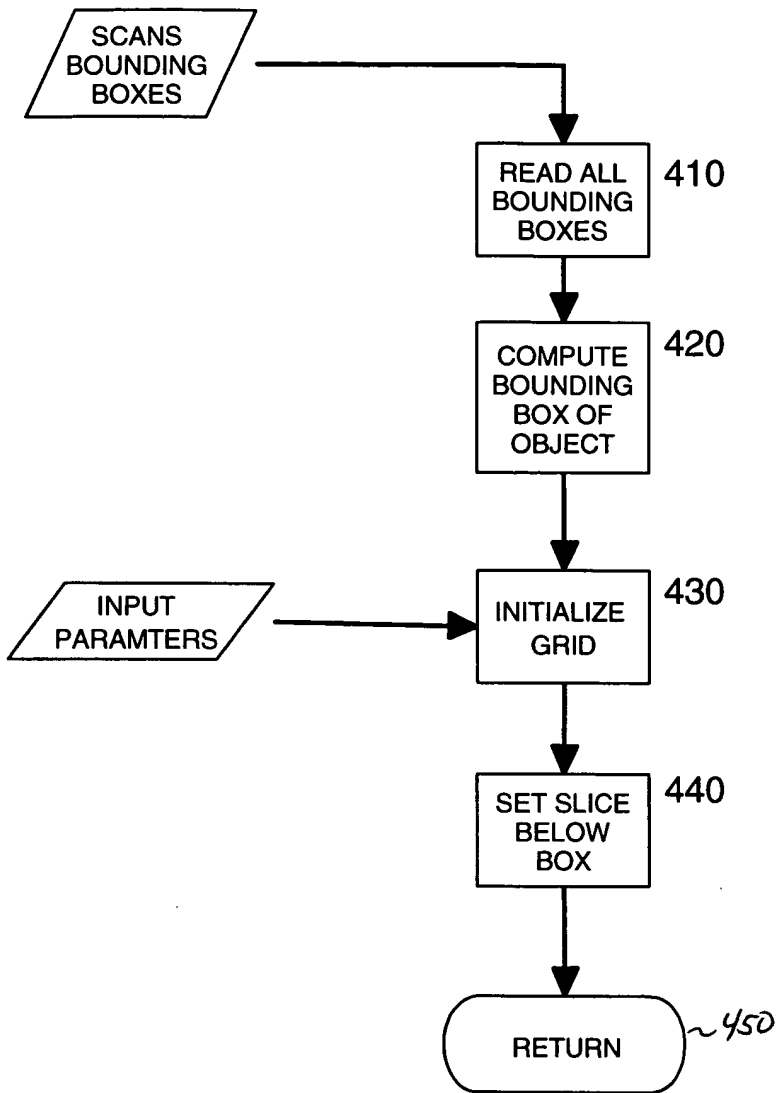


FIG. 4

PROPAGATE FRONT

600

GET ACTIVE
EDGE E 610

EDGE
FOUND ? 620

NO

RETURN

~625

YES

V = BALL
PIVOT E 630

VALID
VERTEX ? 640

NO

yes

ADD
TRIANGLE 650

FIG. 6

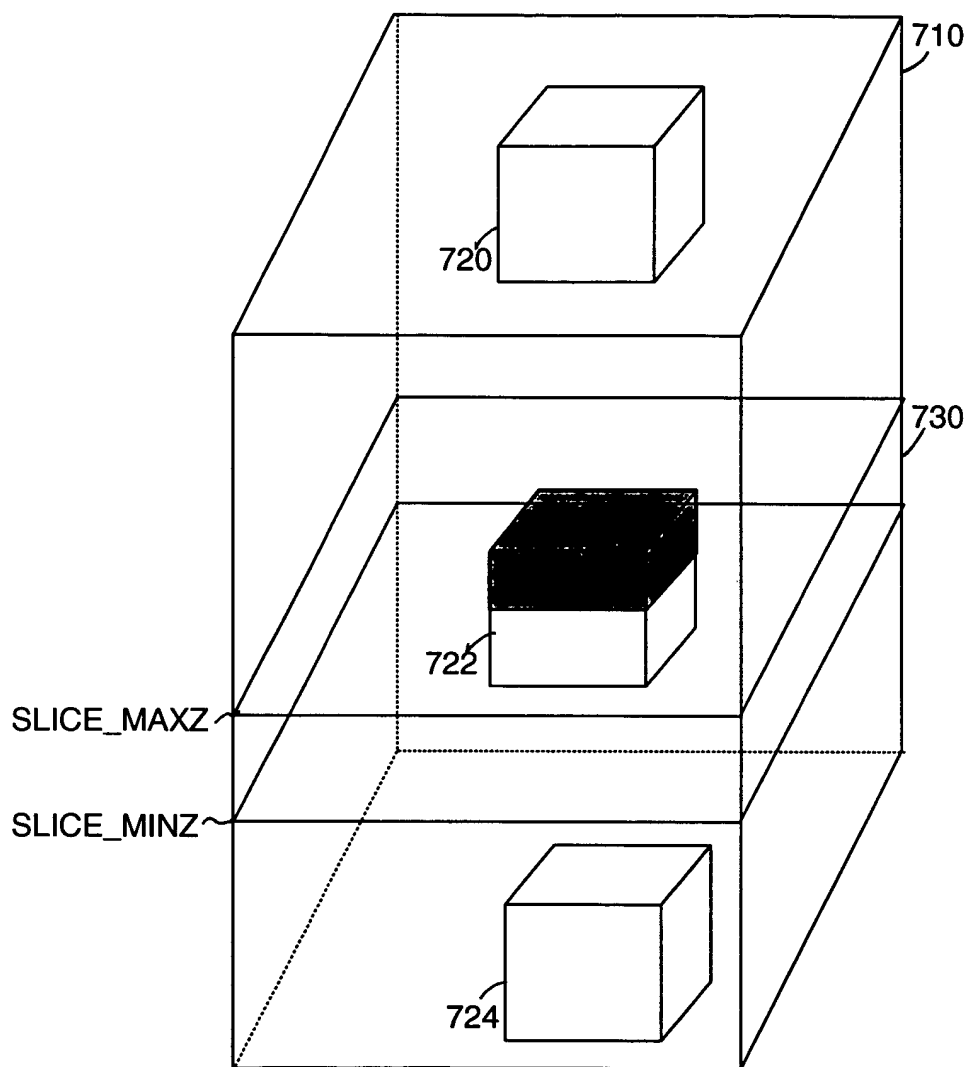


FIG. 7

VX0	VY0	VZ0	810
NX0	NY0	NZ0	
VX1	VY1	VZ1	
NX1	NY1	NZ1	
...	

FIG. 8A

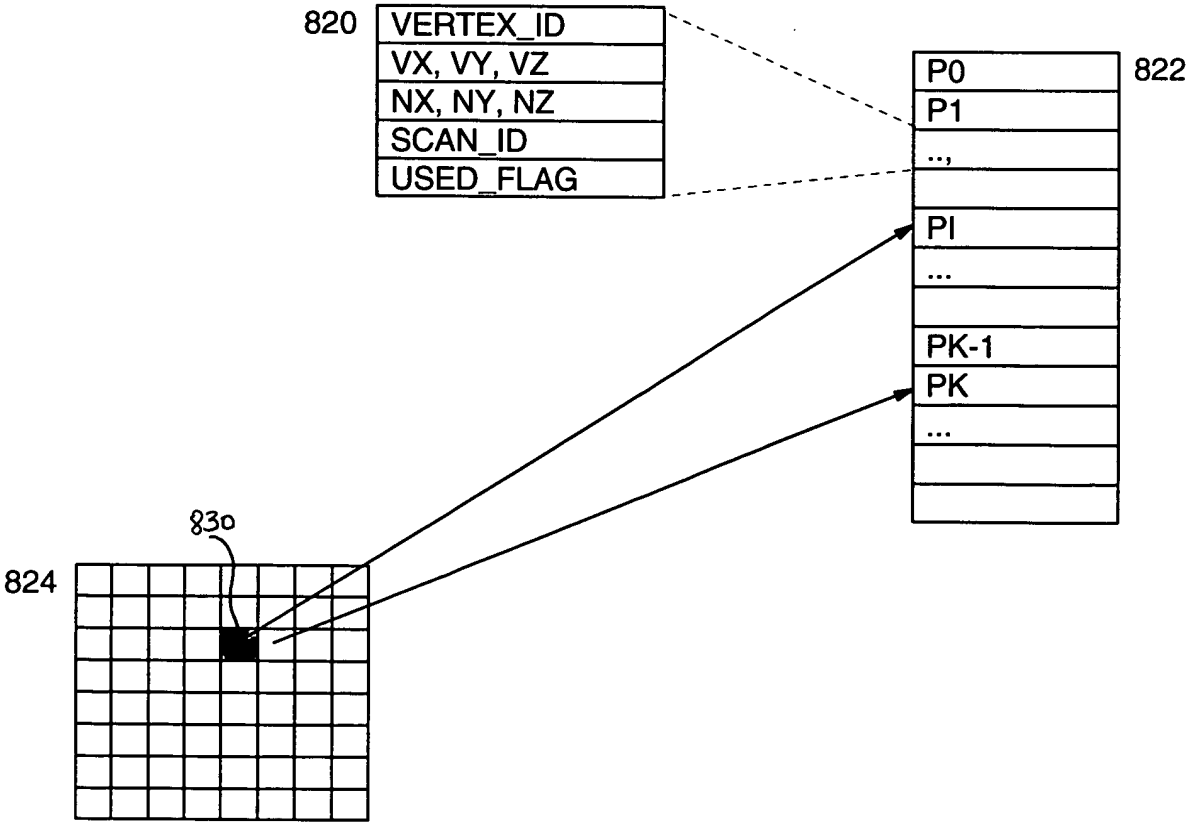


FIG. 8B

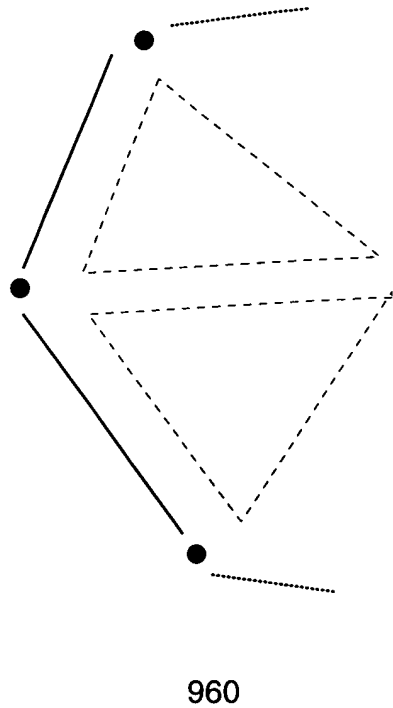
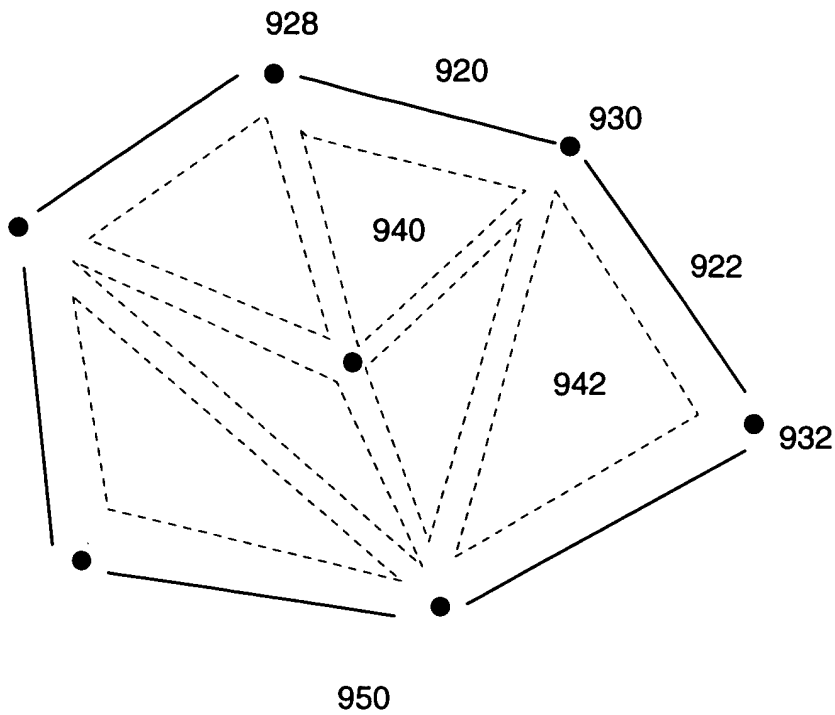


FIG. 9A

VERTEX_ID	910
LOOP_ID	
EDGE_IN	
EDGE_OUT	
SCAN_ID	
VX, VY, VZ	

EDGE_ID	912
LOOP_ID	
VERTEX_FROM	
VERTEX_TO	
OPP_VERTEX_ID	
OVX, OVY, OVZ	
TNX, TNY, TNZ	
CX, CY, CZ	

EDGE_FIRST	914
------------	-----

FIG. 9B

001710" 22151560

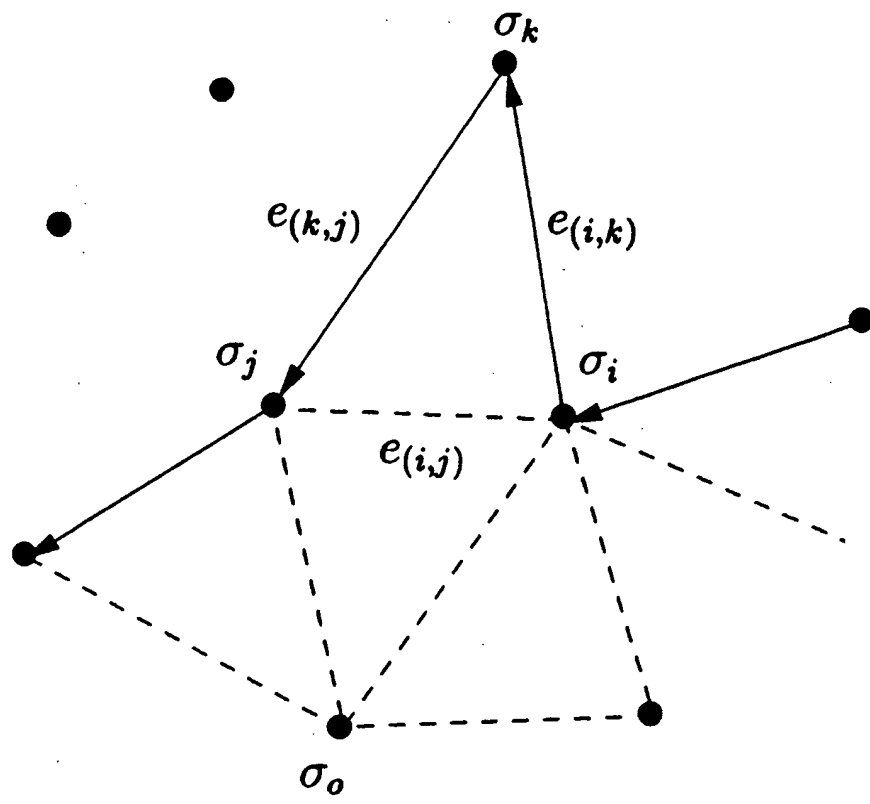


FIG. 10

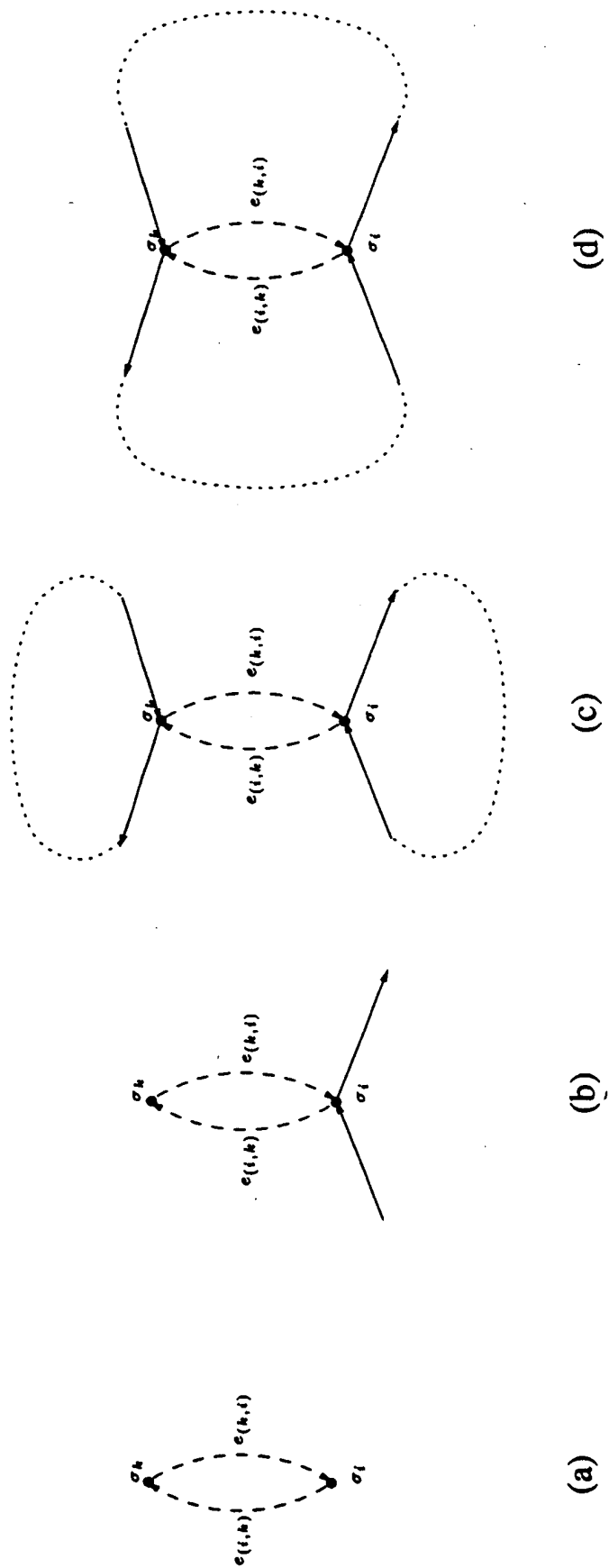
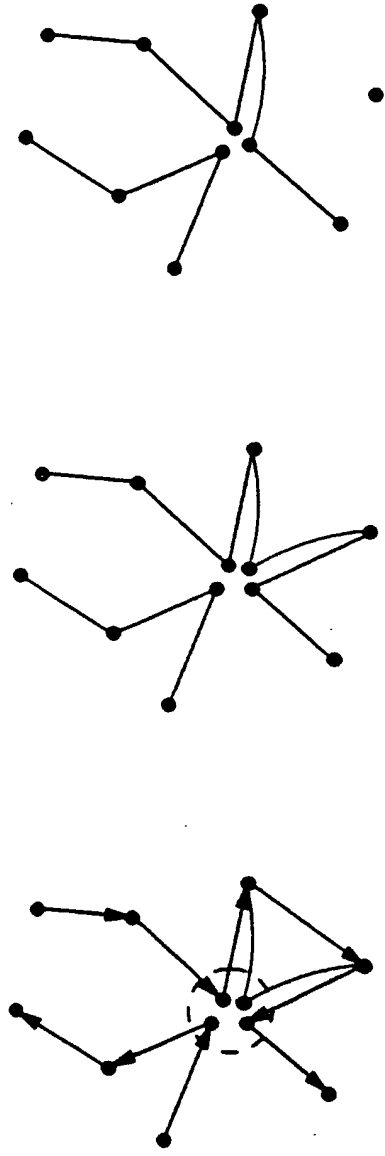
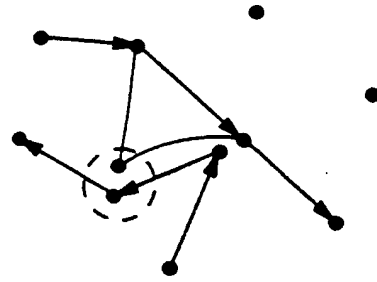


FIG. 11

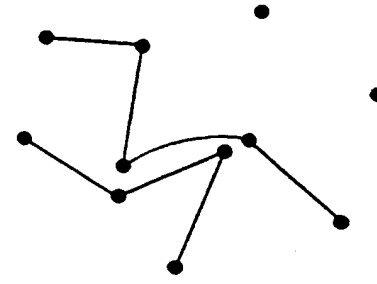


(a)

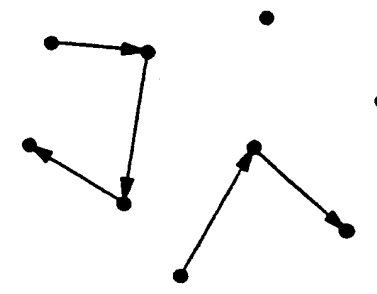


(d)

(g)



(e)



(f)

FIG. 12